

# Wrangle Act

## Analyzing the Data

Using this freshly cleaned WeRateDogs Twitter data, interesting and trustworthy analyses and visualizations were created to communicate back the findings.

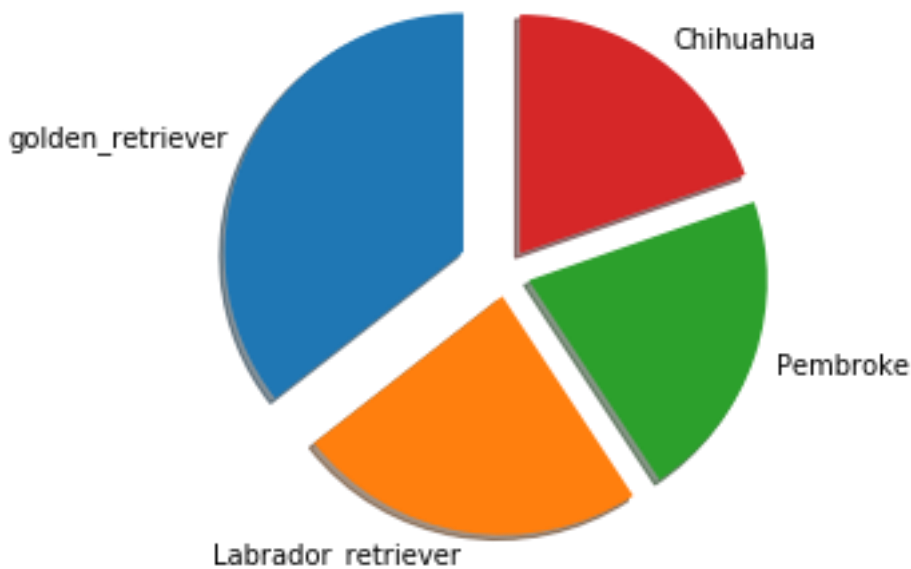
WeRateDogs is a Twitter account that rates people's dogs with humorous comments. These ratings almost always have a denominator of 10. The numerators though is almost always greater than 10. 11/10, 12/10, 13/10, etc. Why? Because "they're good dogs". WeRateDogs believes almost all dogs deserve a 10 or sometimes more than that. Each tweet's retweet count and favorite (i.e. "like") count are another interesting parameter.

### Most Common Dog Breeds

Analyzing my data based on the first predictions gave me the top 10 most popular dog breeds.

#### Insight I

Golden Retriever is the most popular dog. These dogs have most tweets on them, which has led them on our most popular list.



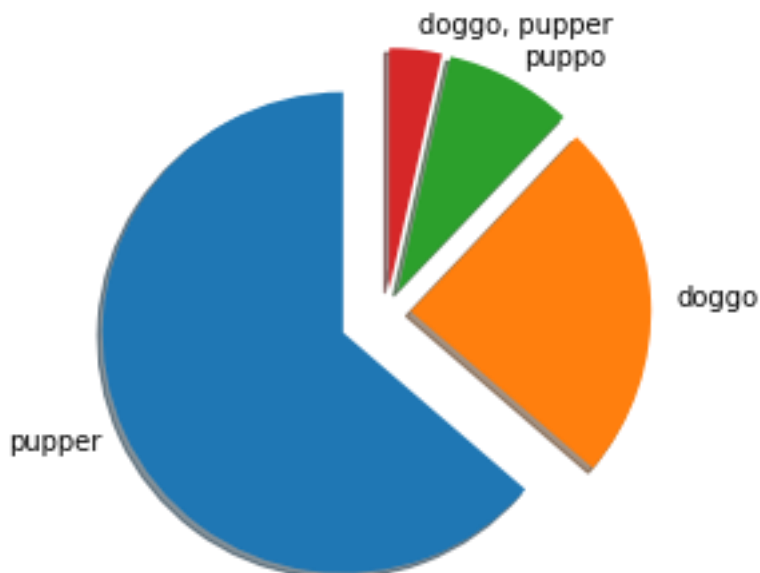
Dog Bread	count
Labrador_retriever	100
Pembroke	89
Chihuahua	83
pug	57
maze	1
pot	1
clumber	1
bald_eagle	1
hammer	1

### Most Common life Stage

Analyzing the data based on most common life stage gave the most common life stage

### Insight II

Dogs in Pupper stage of dog life cycle get most tweets.



Dog stage	count
pupper	200
Doggo	76
Puppo	27
Doggo, pupper	11
Floofer	9
Doggo, puppo	1
Doggo,floofer	1

So we may conclude people like to share and evaluate their dogs at pupper stage

### Insight III

The mean and median of ratings out of ten are 11.5 and 12 respectively

For more statistical details about rating look at the table below

count	1847.000000
mean	11.500271
std	1.131100
min	10.000000
25%	11.000000
50%	12.000000
75%	12.000000
max	15.000000

### insight IV

The mean and median of favorite count are 8415.21 and 3891 respectively

For more statistical details about favorite count look at the table below

count	2331.000000
mean	7459.636637
std	11581.578363
min	0.000000
25%	1297.500000
50%	3243.000000
75%	9138.000000
max	153911.000000